



#4 *L. Will*
5/3/96

PATENT APPLICATION
Attorney Docket No. D/95473

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner of Patents, Washington, D.C. 20231,
on April 23, 1996.

Judith C. Bares
Judith C. Bares

4/23/96
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|-------------------------------|---|--------------------------|
| Application of: Guibas et. al |) | Art Unit: 2415 |
| Serial No.: 08/581,669 |) | Examiner: To Be Assigned |
| Filed: December 29, 1995 |) | |

Title: **DYNAMIC COMPUTATION OF A LINE SEGMENT ARRANGEMENT
USING FINITE PRECISION ARITHMETIC**

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

In accordance with 37 CFR 1.97(a) and (b), Applicants submit herewith documents and information of which they are aware, which they believe may be material to the examination of this application, and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56. This Supplemental Information Disclosure Statement is being filed prior to receipt

of the first Office Action, and, therefore, in accordance with 37 CFR 1.97(b), no certification or fee is required.

This Information Disclosure Statement is not intended to constitute an admission that any information referred to herein is "prior art" in relation to the claimed invention, unless specifically designated as such. In accordance with 37 CFR 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that the information submitted herewith is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

A list of the enclosed documents filed with this Supplemental Information Disclosure Statement is set forth on the attached Form PTO-1449 (1 page). No inference should be made relating to the relative pertinence of these references based on the order in which they are presented. Although a brief description of the relevance of some of the cited references has been provided in the specification, it is requested that the Examiner fully consider each reference in its entirety for its relevance to the subject patent application.

The attached Form PTO-1449 (1 page) lists Documents AR, AS and AT, and a copy of each has been enclosed herewith. Each of these documents is discussed or cited in the subject specification. Document AR, the Bentley-Ottmann article, is discussed at pp. 7 - 8. Document AS, the Clarkson-Shor article, is discussed at pg. 8, and Document AT, the article by Chazelle and Edelsbrunner, is also cited at pg. 7 and briefly discussed at pg. 8. These

documents may be relevant to the subject application for their discussions of various algorithms for detecting line segment intersections in a plane.

It is respectfully requested that the information submitted herein and the documents submitted herewith be expressly considered during the examination and prosecution of this application, be made of record in this application, and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

Judith C. Bares
Judith C. Bares
Attorney for Applicant
Registration No. 35,824
Telephone: 415-812-4283

Palo Alto, California
Date: April 23, 1996